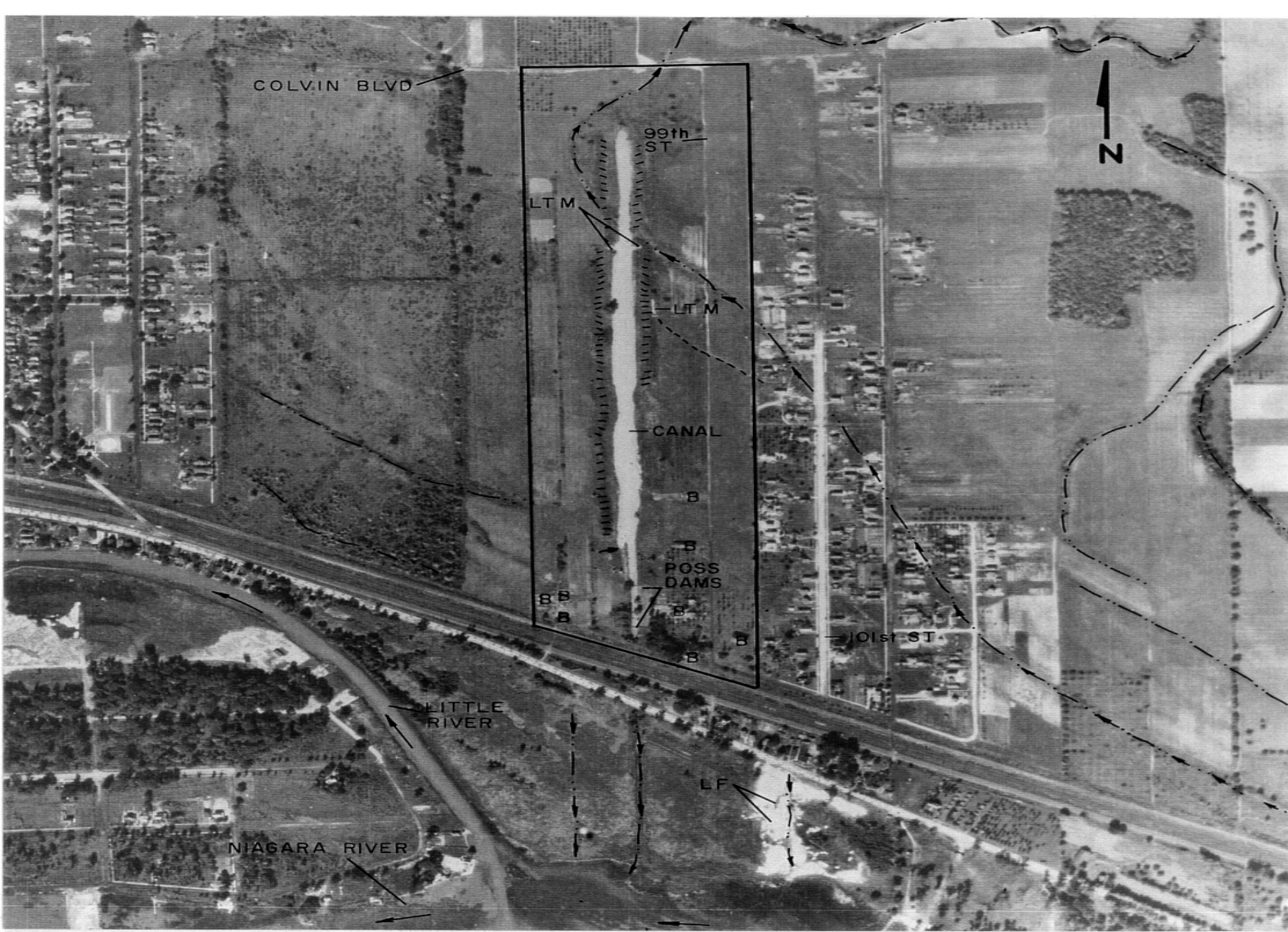


WILLIAM T. LOVE

- 1890 STARTED TO DIG CANAL
- SOURCE OF CHEAP HYDROELECTRIC POWER
- 3,200 FEET LONG, 80 FEET WIDE, 7-16 FEET DEEP
- ABANDON WHEN TESLA PERFECTED ALTERNATING CURRENT



COLVIN BLVD

99th
ST

LT M

LT M

CANAL

B

B

POSS
DAMS

B

B

B

101st ST

LITTLE
RIVER

NIAGARA RIVER

LF

N

FIGURE 2
LOVE CANAL

SEPTEMBER 25, 1938

APPROX. SCALE 1:7,000

**1900 - 1942 USED FOR
RECREATION**

**1941 HOOKER CHEMICAL BEGAN
DUMPING**

**1942 BOUGHT PROPERTY FROM
NIAGARA DEVELOPMENT**



FIGURE 6
LOVE CANAL

SOUTH AREA
SEPTEMBER 27, 1956

APPROX. SCALE 1:6,000

80 CHEMICALS

- HEAVY METALS
- PESTICIDES
- DIOXINS
- VOLATILE ORGANIC COMPOUNDS

**1953 - BOARD OF
EDUCATION**

**LOVE CANAL FROM HOOKER
CHEMICAL**

**WARNING: NOT TO BREACH
CAP**

**1954 - CONSTRUCTION
BEGAN ON 99TH ST.
SCHOOL**



FIGURE 7
LOVE CANAL

JULY 1, 1960

APPROX. SCALE 1:6,500

1960'S AND 1970'S

COMPLAINTS OF

ODORS

SINK HOLES

SKIN RASHES

SPARKING ROCKS

ANIMALS LOSING FUR



FIGURE 9
LOVE CANAL

MAY 13, 1972

APPROX. SCALE 1:6,200

**1977 - HIGH PRECIPITATION
BATHTUB EFFECT**

**DEC TOOK 8 SAMPLES FROM
SUMPS OF HOMES**

**1978 - RESULT:
PRESIDENT CARTER DECLARED
STATE OF EMERGENCY**



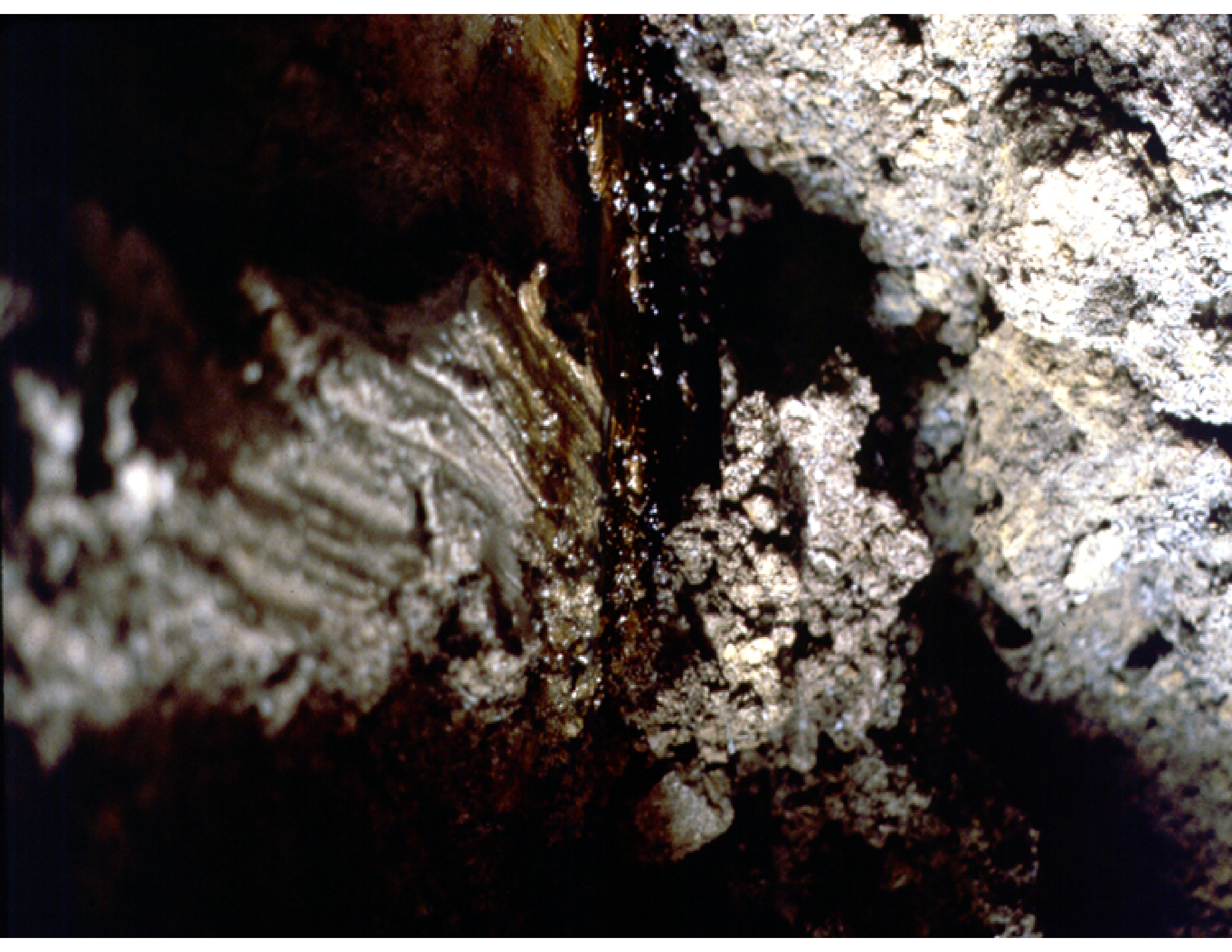
STATE OF EMERGENCY

- 239 HOMES RING 1 AND 2
EVACUATED
- 8 FOOT HIGH FENCE INSTALLED
- 99TH STREET SCHOOL CLOSED
- 22 ACRE CAP INSTALLED
- BARRIER COLLECTION INSTALLED
- LEACHATE TREATMENT FACILITY
BUILT









1980 SECOND STATE OF EMERGENCY

- RING 3 HOMES WERE EVACUATED - 738 FAMILIES
- LCARA CREATED TO MAINTAIN ABANDONED HOMES AND REVITALIZE AREA
- CONGRESS CREATED “CERCLA” COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT “SUPERFUND”



FIGURE II
LOVE CANAL

SEPTEMBER 27, 1980

APPROX. SCALE 1:5,600





1982 REMEDIAL ACTION

99TH STREET SCHOOL AND
HOMES DEMOLISHED

40 ACRE CAP INSTALLED
SEWER LINES WERE SEVERED









1983 LISTED ON NPL

PHASE III REMEDIATION

**CLEANED 65,000 LINEAR FEET
OF STORM AND SANITARY
SEWERS**

**DREDGED BLACK AND
BERGHOLTZ CREEKS**

**14,000 CUBIC YARDS OF
SEDIMENT**



1990 HOMES OFFERED FOR SALE



HABITABILITY

**1983 FORMED A TECHNICAL REVIEW
COMMITTEE**

USED SIMILAR NEIGHBORHOODS

**COLLECTED 2,500 SAMPLES OF AIR
AND SOILS**

11/2 MILES FROM KNOWN LANDFILL

**ACTION LEVEL FOR DIOXIN 1PPB
UNRESTRICTED RESIDENTIAL USE**

LEGAL

- 1985 - \$20 MILLION FOR TWO PERSONAL INJURY LAWSUITS FOR 1,300 RESIDENTS
- 1994 NYS RECEIVED \$125 MILLION FOR COST RECOVERY
- 1996 EPA SETTLED FOR \$129 MILLION FOR REMEDIAL COST RECOVERY
- \$375,000 FISH AND WILDLIFE

**DANGER
HAZARDOUS
WASTE AREA**

**UNAUTHORIZED
PERSONNEL
KEEP OUT**

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

1-800-342-8296

EPA SUPERFUND SITES

**102ND ST. - 22.1 ACRES, 159,000 TONS - NPL
1983**

S-AREA - 8 ACRES, 63,000 TONS - NPL 1983

**HYDEPARK - 15 ACRES, 80,000 TONS - NPL
1983**

